



## CALIFORNIA WORKFORCE INVESTMENT BOARD

### Workforce Needs for Large Scale Solar Projects

#### Riverside-San Bernardino-Ontario

Riverside-San Bernardino-Ontario MSA	Current Month July 2010 Labor Market Statistics	2009 Annual Average Labor Market Statistics	2008 Annual Average Labor Market Statistics
Labor Force (Employed & Unemployed)	1,778,500	1,778,200	1,783,800
Employed	1,510,400	1,541,600	1,636,900
Unemployed	268,200	236,500	146,900
Unemployment Rate	15.1%	13.3%	8.2%
<b>Industry Employment related to Solar Industry</b>			
Construction	59,000	67,400	90,700
Utilities	6,000	5,900	5,700

Source: EDD/LMID, Current Employment Statistics, [www.labormarketinfo.edd.ca.gov](http://www.labormarketinfo.edd.ca.gov)

174 Registered Apprenticeship Programs  
and 5,010 Apprentices in the Construction  
Industry.

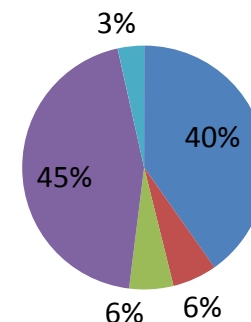
Source: Department of Industrial Relations, [www.dir.ca.gov](http://www.dir.ca.gov), data  
generated Sep. 13, 2010.

#### Local Workforce Investment Board

Riverside County Economic Development Agency  
Ms. Felicia Flournoy  
1325 Spruce Street, Suite 110  
Riverside, CA 92507  
(951) 955-3100  
FAX (951) 955-3131  
[www.rivcojobs.com](http://www.rivcojobs.com)

#### Riverside County Demography 2008

■ White ■ Black/African American ■ Asian ■ Hispanic/Latino ■ Other



Source: Department of Finance, Ethnic Population Estimates, [www.dof.ca.gov](http://www.dof.ca.gov)



## CALIFORNIA WORKFORCE INVESTMENT BOARD

Local Resources  
Riverside County

### **Blythe - Workforces Services Office**

1277 W. Hobson Way Blythe, CA 92225  
(760) 922-0103  
Hours: Monday - Friday 8 am-5pm

### **Corona - Workforce Services Office**

237 West River Road Corona, CA 92880  
(951) 340-4036  
Hours: Monday - Friday 8:00 am -5:00 pm

### **Empower Youth, Youth Opportunity Center**

930 North State Street Hemet, CA 92543  
[www.cflckids.org](http://www.cflckids.org)  
(951) 765-0917  
Hours: Monday - Thursday 7:30 -5:30

### **Indio Workforce Development Center**

44-199 Monroe Street, Suite B Indio, CA 92201  
[www.rivcojobs.com](http://www.rivcojobs.com)  
(760) 863-2600  
Hours: Monday - Friday 7:30 am -5:30 pm

### **The Win Center Youth Opportunity Center**

45-570 Grace Street, Suite 1 Indio, CA 92201  
[www.rivcojobs.com](http://www.rivcojobs.com)  
(760) 775-2887  
Hours: Monday - Friday 8:30 am-7 pm

### **Planet Youth**

400 West Graham Lake Elsinore, CA 92530  
[www.rivcojobs.com](http://www.rivcojobs.com)  
(951) 471-8415  
Hours: Monday/Wednesday 8 am-6 pm, Tuesday/Thursday  
8 am-7 pm, Friday 8 am-5pm

### **Moreno Valley Employment Resource Center**

12625 Frederick, Suite K-3 Moreno Valley, CA 92553  
[www.rivcojobs.com](http://www.rivcojobs.com)  
(951) 413-3920  
Hours: Monday - Thursday 8 am-5 pm  
**Southwest Workforce Development Center**  
30135 Technology Drive Murrieta, CA 92563  
[www.rivcojobs.com](http://www.rivcojobs.com)  
(951) 304-5900  
Hours: Monday - Thursday 7:30am-5:30 pm

### **College of the Desert Institute for Sales and Service Excellence**

72-840 Highway 111, Suite C101 Palm Desert, CA 92260  
[www.issexcellence.com](http://www.issexcellence.com)  
(760) 776-7394  
Hours: Monday - Friday 8:00 a.m.to 5:00 p.m.



## CALIFORNIA WORKFORCE INVESTMENT BOARD

Local Resources  
Riverside County

### **The Oasis Youth Opportunities Center**

351 Wilkerson Avenue, Suite F Perris, CA 92570

[www.rivcojobs.com](http://www.rivcojobs.com)

(951) 657-7105

Hours: Monday - Friday 8:30 am-5:30 pm

### **Riverside Workforce Development Center**

1325 Spruce Street Riverside, CA 92507

[www.rivcojobs.com](http://www.rivcojobs.com)

(951) 955-8087

Hours: Monday - Thursday 7:30am-5 pm

### **Mobile One-Stop**

1325 Spruce Street Riverside, CA 92507

[www.rivcojobs.com](http://www.rivcojobs.com)

(951) 955-3100

Hours: Monday - Thursday 7:30am-5:30 pm

### **Rubidoux Youth Opportunity Center**

5656 Mission Boulevard Riverside, CA 92509

[www.cflckids.org](http://www.cflckids.org)

(951) 683-9622

Hours: Monday - Friday 8 am-6pm



## CALIFORNIA WORKFORCE INVESTMENT BOARD

Local Resources  
San Bernardino County

### **High Desert Employment Resource Center**

15555 Main Street, Suite G3/G4 Hesperia, CA 92345  
[www.co.sanbernardino.ca.us/edwdd](http://www.co.sanbernardino.ca.us/edwdd)  
(760) 949-8526  
*Hours:* Monday - Friday 8 am-4:30 pm

### **Rancho Cucamonga Employment Resource Center**

9650 9th St., Ste. A Rancho Cucamonga, CA 91730  
[www.co.sanbernardino.ca.us/edwdd](http://www.co.sanbernardino.ca.us/edwdd)  
(909) 948-6606  
*Hours:* Mon thru Fri. 8:00 to 5:00

### **City of San Bernardino One-Stop Career Center**

600 N. Arrowhead Ave., Suite 300 San Bernardino, CA 92401  
[www.sbeta.com](http://www.sbeta.com)  
(909) 888-7881  
*Hours:* Mon-Thursday 8 am-5 pm, Friday 8 am-4 pm

### **San Bernardino Employment Resource Center**

658 East Brier Street, Suite 100 San Bernardino, CA 92408  
[www.co.sanbernardino.ca.us/edwdd](http://www.co.sanbernardino.ca.us/edwdd)  
(909) 382-0440  
*Hours:* Monday-Friday, 8:00 am-5:00 pm

### **Victorville - Workforce Services Office**

15419 Cholame Rd Victorville, CA 92392  
(760) 241-1682  
*Hours:* Monday - Friday 8:00 am -5:00 pm

### **Local Workforce Investment Board**

Dr. Ernest B. Dowdy, Executive Director  
San Bernardino Workforce Investment Board  
600 North Arrowhead Avenue, Suite 300  
San Bernardino, CA 92401-1148  
(909) 888-7881  
FAX (909) 888-2581  
[www.sbeta.com](http://www.sbeta.com)

Construction Industry-Riverside County-Staffing Patterns			2010/1st QTR Wages	
SOC Code	Occupational Title	May 2009 Employment Estimates	Mean Hourly Wage	Mean Annual Wage
11-1011	Chief Executives	110	94.82	197,215.00
11-1021	General and Operations Managers	820	68.00	141,442.00
11-2021	Marketing Managers	(3)	54.66	113,679.00
11-3011	Administrative Services Managers	50	61.38	127,680.00
11-3031	Financial Managers	110	65.56	136,360.00
11-3061	Purchasing Managers	(3)	57.86	120,358.00
11-9021	Construction Managers	660	49.86	103,704.00
11-9041	Engineering Managers	(3)	59.23	123,201.00
11-9141	Property, Real Estate, and Community Association Managers	50	54.13	112,582.00
11-9199	Managers, All Other	(3)	65.90	137,066.00
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	130	28.22	58,683.00
13-1051	Cost Estimators	690	35.29	73,407.00
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	(3)	33.82	70,339.00
13-1199	Business Operations Specialists, All Other	(3)	23.96	49,833.00
13-2011	Accountants and Auditors	310	34.69	72,147.00
15-1041	Computer Support Specialists	(3)	23.82	49,557.00
15-1071	Network and Computer Systems Administrators	(3)	34.85	72,485.00
17-2051	Civil Engineers	190	46.74	97,215.00
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	50	33.09	68,820.00
17-3011	Architectural and Civil Drafters	(3)	24.39	50,735.00
17-3012	Electrical and Electronics Drafters	(3)	26.89	55,930.00
19-3021	Market Research Analysts	40	33.61	69,899.00
27-1025	Interior Designers	(3)	23.34	48,534.00
29-9011	Occupational Health and Safety Specialists	(3)	38.87	80,842.00
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	(3)	10.47	21,767.00
41-2021	Counter and Rental Clerks	(3)	19.64	40,845.00
41-3099	Sales Representatives, Services, All Other	340	28.13	58,503.00
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	60	43.33	90,144.00
41-9022	Real Estate Sales Agents	30	(4)	(4)
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	290	27.28	56,755.00
43-3021	Billing and Posting Clerks and Machine Operators	120	19.27	40,077.00
43-3031	Bookkeeping, Accounting, and Auditing Clerks	680	19.42	40,383.00
43-3051	Payroll and Timekeeping Clerks	180	18.92	39,356.00

Construction Industry-Riverside County-Staffing Patterns			2010/1st QTR Wages	
SOC Code	Occupational Title	May 2009 Employment Estimates	Mean Hourly Wage	Mean Annual Wage
43-3061	Procurement Clerks	40	20.35	42,338.00
43-4051	Customer Service Representatives	(3)	21.43	44,561.00
43-4071	File Clerks	(3)	10.95	22,776.00
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	50	22.97	47,771.00
43-4171	Receptionists and Information Clerks	180	13.72	28,540.00
43-5032	Dispatchers, Except Police, Fire, and Ambulance	110	19.91	41,395.00
43-5061	Production, Planning, and Expediting Clerks	120	21.86	45,471.00
43-5071	Shipping, Receiving, and Traffic Clerks	(3)	17.74	36,884.00
43-5081	Stock Clerks and Order Fillers	(3)	14.80	30,772.00
43-6011	Executive Secretaries and Administrative Assistants	500	23.64	49,175.00
43-6014	Secretaries, Except Legal, Medical, and Executive	480	14.42	30,000.00
43-9061	Office Clerks, General	970	14.56	30,304.00
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	2470	30.94	64,351.00
47-2021	Brickmasons and Blockmasons	580	23.19	48,222.00
47-2022	Stonemasons	300	17.32	36,041.00
47-2031	Carpenters	6170	25.17	52,352.00
47-2041	Carpet Installers	(3)	18.72	38,951.00
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	(3)	19.03	39,582.00
47-2044	Tile and Marble Setters	840	21.28	44,258.00
47-2051	Cement Masons and Concrete Finishers	1620	22.42	46,635.00
47-2053	Terrazzo Workers and Finishers	(3)	22.36	46,505.00
47-2061	Construction Laborers	5710	18.59	38,675.00
47-2071	Paving, Surfacing, and Tamping Equipment Operators	(3)	24.39	50,733.00
47-2073	Operating Engineers and Other Construction Equipment Operators	1530	33.21	69,085.00
47-2081	Drywall and Ceiling Tile Installers	1540	21.80	45,341.00
47-2082	Tapers	370	25.02	52,040.00
47-2111	Electricians	2020	21.99	45,744.00
47-2121	Glaziers	(3)	24.80	51,575.00
47-2141	Painters, Construction and Maintenance	1250	15.70	32,656.00
47-2151	Pipelayers	160	25.56	53,174.00
47-2152	Plumbers, Pipefitters, and Steamfitters	1520	20.94	43,546.00
47-2161	Plasterers and Stucco Masons	1360	21.76	45,247.00
47-2171	Reinforcing Iron and Rebar Workers	(3)	21.40	44,516.00

Construction Industry-Riverside County-Staffing Patterns			2010/1st QTR Wages	
SOC Code	Occupational Title	May 2009 Employment Estimates	Mean Hourly Wage	Mean Annual Wage
47-2181	Roofers	930	21.40	44,522.00
47-2211	Sheet Metal Workers	370	20.81	43,299.00
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	560	16.87	35,081.00
47-3012	Helpers--Carpenters	210	15.45	32,134.00
47-3013	Helpers--Electricians	(3)	15.50	32,234.00
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	370	11.91	24,777.00
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	270	13.37	27,818.00
47-4011	Construction and Building Inspectors	30	21.00	43,666.00
47-4031	Fence Erectors	(3)	28.45	59,178.00
47-4099	Construction and Related Workers, All Other	(3)	15.32	31,855.00
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	180	31.28	65,058.00
49-2098	Security and Fire Alarm Systems Installers	(3)	17.60	36,611.00
49-3023	Automotive Service Technicians and Mechanics	(3)	27.80	57,831.00
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	40	24.33	50,607.00
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	50	29.80	61,967.00
49-9011	Mechanical Door Repairers	(3)	21.35	44,411.00
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1000	18.97	39,469.00
49-9042	Maintenance and Repair Workers, General	150	24.82	51,635.00
49-9052	Telecommunications Line Installers and Repairers	(3)	12.27	25,507.00
49-9098	Helpers--Installation, Maintenance, and Repair Workers	70	18.80	39,091.00
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	(3)	25.36	52,733.00
51-2041	Structural Metal Fabricators and Fitters	(3)	18.84	39,180.00
51-4121	Welders, Cutters, Solderers, and Brazers	50	21.54	44,802.00
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	(3)	16.96	35,275.00
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	(3)	15.62	32,495.00
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	(3)	30.84	64,136.00
53-3032	Truck Drivers, Heavy and Tractor-Trailer	280	20.76	43,185.00
53-3033	Truck Drivers, Light or Delivery Services	130	14.51	30,176.00
53-7032	Excavating and Loading Machine and Dragline Operators	(3)	28.72	59,751.00
53-7051	Industrial Truck and Tractor Operators	40	19.58	40,725.00
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	400	12.54	26,092.00
Source: EDD/LMID,OES Staffing Patterns, <a href="http://www.labormarketinfo.edd.ca.gov">www.labormarketinfo.edd.ca.gov</a>				

Data Footnotes:

Construction Industry-Riverside County-Staffing Patterns			2010/1st QTR Wages	
SOC Code	Occupational Title	May 2009 Employment Estimates	Mean Hourly Wage	Mean Annual Wage

(1) The "Mean Relative Standard Error" is a measure of the relative precision of the wage estimate. A low number denotes relatively high validity.

(2) For some occupations, workers may not work full-time all year-round. For these occupations it is not feasible to calculate an hourly wage.

(3) An estimate of employment could not be provided.

(4) An estimate of wage could not be provided.

(5) There is wide variation in the number of hours worked by those employed as actors, dancers, musicians, and singers.

Many jobs are for a duration of 1 day or 1 week and it is extremely rare for a performer to have guaranteed employment for a period that exceeds 3 to 6 months.

\* The survey reference dates for this data spanned from the 4th quarter 2006 to the 2nd quarter 2009. A substantial amount of the data was collected at a time when California minimum wage was below the current minimum wage of \$8.00 per hour. Since these wages were updated to 2010, and the minimum wage changed to \$8.00 per hour on January 1, 2008, wages below \$8.00 were set to \$8.00 per hour